

IN THE SPECIFICATION:

Please replace paragraph [0039] with the following amended paragraph:

[0039] Components of the server computer 104 may be physically arranged in a manner similar to those of the client computer 102. For example, the server computer 104 is shown generally comprising a CPU 131_{[[5]]}, a memory 132_{[[3]]}, and a storage device 134, coupled to one another by a bus 136, which may all function_{[[s]]} as similar components described with reference to the client computer 102. The server computer 104 is generally under the control of an operating system (e.g., IBM OS/400®, UNIX, Microsoft Windows®, and the like).

Please replace paragraph [0065] with the following amended paragraph:

[0065] In any case, by allowing a user to push out the scope of an annotation (e.g., to a defined model entity or a primary key), the user may, in effect, be able to create annotations for data the user is not even authorized to view. As an illustration, in the current example, the user may not be authorized to view any identifying patient information (names, patient IDs, etc.). Nonetheless, by associating annotations with a model entity (or primary key cell), the user can capture useful information and share this information with other users viewing information related to the patient, which may be of great benefit, as described below with reference to the exemplary operations 350 of FIG. 3B.

Please replace paragraph [0066] with the following amended paragraph:

[0066] The exemplary operations 350 may be best described with an example illustrated with reference to GUI screens 420-440, shown in FIGs. 4C-4E, respectively. The example illustrates a query building session of a nurse generating a list of patients

for a doctor. As will be described, the list of patients may include the patient whose test results were described by the annotation generated in the example above. Although the nurse may not view the annotated test results in the query results, because the annotation was associated with the patient model entity, the annotation may still be displayed to the nurse.

Please replace paragraph [0067] with the following amended paragraph:

[0067] The operations 350 begin, at step 352, by receiving a query with reference to a model entity. For example, as described above, with reference to FIG. 2D, a query may have an explicit reference to a model entity by name. In some cases, a reference to a model entity may be added by selecting a focus for the query, for example, via a pull down menu 422 listing one or more available model entities, as shown in the query building GUI screen 420 of FIG. 4C. Alternatively, rather than contain an explicit reference to a model entity, the query may reference a model entity implicitly, through the specification of query results including fields contained in one or more model entity definitions.

Please replace paragraph [0072] with the following amended paragraph:

[0072] In order to display the annotation, the user may select (e.g., click on) the annotation icon 425, resulting in the View Annotation GUI screen 440, shown in FIG. 4E, presenting the user with the annotation. As illustrated, the GUI screen 440 may also display the actual data described by the annotation. In other words, the GUI screen 440 may provide the same view of the actual data described by the annotation that the user creating the annotation had. For example, when creating the annotation the user may have specified that a reference to the annotated data object be generated, as described above with reference to FIG. 4B. In response to viewing the annotation, the nurse may schedule the patient ~~to be~~ for re-testing during the upcoming visit.

Please replace paragraph [0073] with the following amended paragraph:

[0073] Of course, those skilled in the art will recognize that the incorrect data scenario portrayed in the invalid test results example illustrates just one of many ways in which “pushing out” the scope of an annotation to the entity level may allow users to exchange information about data. Other examples include exchanging insightful information regarding particular data regarded as interesting (e.g., a user’s interpretation of particularly interesting test results, or other type of data). Further, associating annotations with a model entity may facilitate gathering available information regarding an instance of the model entity. For example, in a business enterprise, an annotation “roll-up” feature may allow human resources personnel to quickly gather and view all annotations related to a particular employee, for example, by searching for annotations that contain a reference to the particular employee’s ID (which may be used as a primary key).

Please renumber the second paragraph [0073] to be paragraph [0074]:

[0073]0074 By extending the scope of an annotation beyond a particular data object described by the annotation to a higher level entity, such as a model entity, embodiments of the present invention may facilitate the sharing of information related to the entity. In some cases, a first user may create an annotation describing a particular data object selected by the first user. By associating the annotation with a model entity encompassing the particular data object, the first user may allow the annotation to be viewed by a second user, regardless of whether the second user actually views the particular data object.

Please renumber paragraph [0074] to be paragraph [0075]:

[0074]0075 While the foregoing is directed to embodiments of the present invention, other and further embodiments of the invention may be devised without departing from the basic scope thereof, and the scope thereof is determined by the claims that follow.